product manual

psa[128max

digital audio player

Portable Sport Audio by **Philips**

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CAUTION

use this device according to the instructions that follow failure to do so could be hazardous to your health.

users of pacemakers or other implanted devices should consult their physician before using magnets or devices that may generate electro-magnetic interference.

this product complies with the radio interference requirements of the European Union.

environmental information

we have reduced the packaging to its minimum and made it easy to separate into mono materials: PET, PS, PE.

your set consists of material which can be recycled if disassembled by a specialized company. please observe the local regulations to dispose of packaging, exhausted batteries and old equipment.

copyright information

in the U.K and certain countries, the copying of material protected by copyright may require the permission of the copyright holders.

4 controls and connections

① **▶II**
switches the set on /off;
starts / pauses playback

② **◀◀ / ▶▶**
skips to the beginning of a previous / next track

③ **- / +**
adjusts the volume

④ **display**
with backlight. lights up briefly orange when you press any button on the psa

⑤ **eq**
enhance your listening experience. select from 4 equalizer settings: **Hiphop, Funk, Rock, Techno** or create your own adjustable **Custom** setting.

⑥ 🎧
3.5 mm line out to connect

⑦ 🔒 locks buttons to prevent them from being activated

⑧ **battery compartment**
uses 1 x AAA alkaline or Ni-MH battery

⑨ **usb in**
(found in the battery compartment) connect the supplied usb cable from here to the usb port of your computer

supplied accessories

make sure these items are in the package. if any item is missing, please contact your dealer.

one usb cable

one psa software & user guide cd-rom

one set of headphones

one remote control

one set of clip magnets

one armband

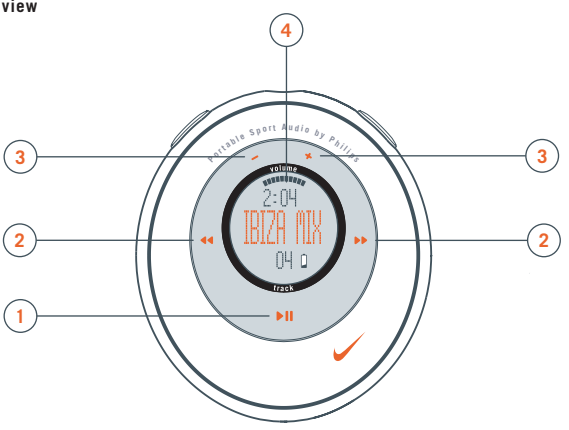
one AAA rechargeable Ni-MH battery*

one Ni-MH battery charger*

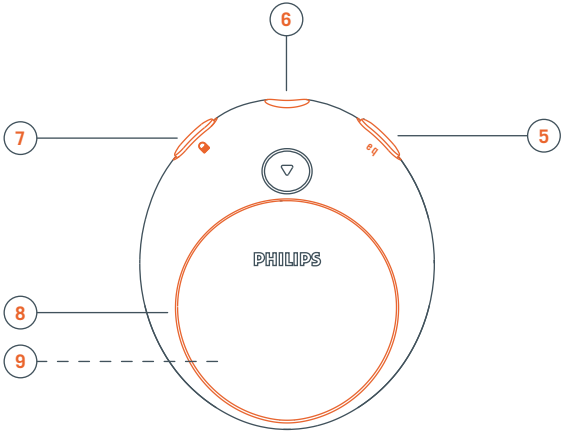
*** not supplied with Asia-Pacific versions**

the model & serial numbers are located inside the battery compartment.

front view



rear view



6 minium computer system requirements

Windows system requirements

you need to have a usb port. computers that were upgraded from Win 95 to Win 98 may not have usb compatibility! check out the other requirements:

– Pentium® MMX 166MHz processor or better

– usb port with Windows 98 / Me / 2000 / XP

– 96MB ram

– 50MB ram drive space

– cd rom drive

– video display card

– sound card

– Microsoft Internet Explorer 5.0 or better, Netscape 4.0 or better, and internet access

Mac system requirements

– G3 or better

– MacOS 8.6-9.X

psa[128 is a solid-state, portable, digital audio player:

– plays mp3 & windows media audio files e.g. digitized and compressed cd tracks, tape tracks, audio books, newspapers, sound effects, etc., that are encoded into mp3 & windows media audio format.

– software upgradeable and will support future playback formats and sofware extensions that will be made available on **www.nike-philips.com**.

– will support for future digital rights management technology, including the Secure Digital Music Initiative (SDMI).

take care when using headphones

hearing safety: listen at a moderate volume. using headphones at high volume can impair your hearing.

traffic safety: do not use headphones while driving or cycling as you may cause an accident.

general maintenance

to avoid damage or malfunction:

– do not expose to excessive heat caused by heating equipment or direct sunlight.

– do not drop the psa or allow objects to fall on the psa.

– do not allow the psa to be submersed in water. do not expose earphone socket or battery compartment to water as water entering the set may cause major damage.

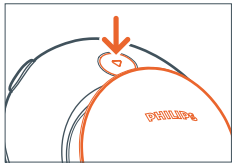
– do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.

– active mobile phones in the vicinity may cause interference.

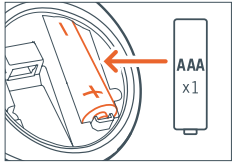
8 power supply

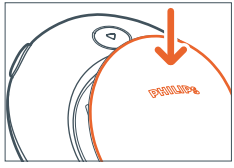
battery

1 press ▼ to open the battery cover latch and insert one **AAA** battery preferably alkaline, or Ni-MH as indicated.



2 insert the lower edge of door as shown to close the battery cover latch.





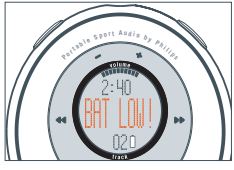
IMPORTANT!

– remove the battery if: battery drained or the psa will not be used for more than two weeks.

– **batteries contain chemical substances, so they should be disposed of properly.**

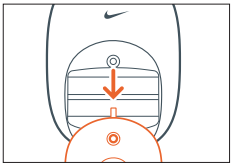
indication of empty battery

the number of blocks inside the battery icon indicates the battery power remaining. when the battery is low, the battery icon flashes. if no action is taken to renew the battery, the display shows **BAT LOW**! 5 seconds later the psa automatically switches off.



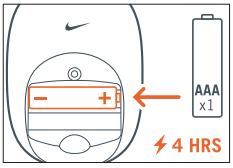
battery charger*

1 open the battery compartment. insert the batteries as indicated.



2 plug charger to wall outlet. the battery charger indicator lights up red when charging. a green light indicates charging has finished. maximum charging time: approx. 4 hours.

***note**: always disconnect the battery charger from the power outlet if you do not need to use it. batteries cannot be charged onboard the psa[128 max.*



*** not supplied with Asia-Pacific versions**

10 power on / off, playback ▶II

power on and playback, ▶II

press and hold **▶II** for 2 seconds to turn on.

playback starts automatically and display shows track details.

No file will be shown if no content has been stored in the psa.

power off, ▶II

during playback, press and hold **▶II** for 2 seconds to turn off.

display message: **OFF** before turning off.

pause, ▶II

during playback, press **▶II** to pause. press **▶II** again to resume playback.

display: during pause mode, the elapsed playtime flashes and track details freeze.

power-saving standby mode

the psa automatically switches off when playback is paused longer than 30 seconds and no buttons are pressed.

volume

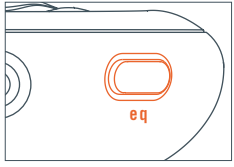
press - / + to decrease / increase the volume.

the volume bar decreases / increases.

eq sound options - *bring out the bass or top up on treble!*

press **eq** again and again to select your equalizer option for high bass, flat, all high notes, etc.

display: **Hiphop, Funk, Rock, Techno, Off** or **Custom**



create your own sound: Custom

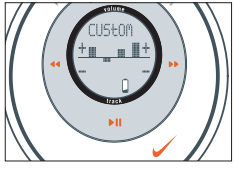
if you have selected **Custom**, the next display shows 4 eq frequency bars.

1 use ◂◂ / ▸▸ to select the frequency bar you want to adjust.

2 use - /+ to adjust the frequency level.

3 press **eq** again to confirm your desired setting.

display: returns to showing track details



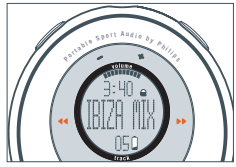
selecting a different track ◂◂ , ▸▸

press ◂◂ / ▸▸ to select the desired track.

fast searching within a track

during playback, press and hold ◂◂ / ▸▸ briefly.

psa plays track at high speed until the button is released.

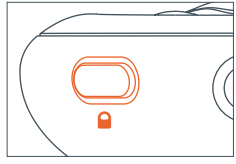


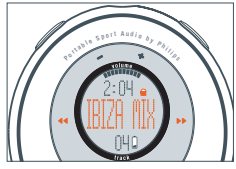
using the button lock 🔒

🔒 deactivates the other buttons so they are not activated accidentally.

to activate / deactivate the button lock, press and hold 🔒 2 seconds.

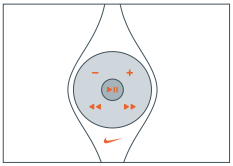
display: 🔒 appears if button lock active.





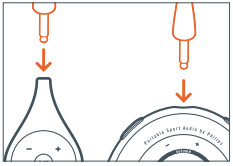
remote control

the remote has 5 buttons (- / +, ▶II ,◀◀ / ▶▶) that function the same way that they do on the psa. even if the button lock is activated the remote control will override.



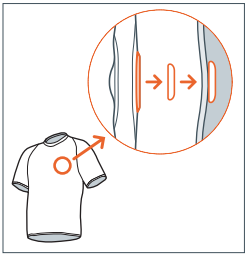
1 connect the remote control and headphones as shown.

2 adjust the volume on both the psa and remote control.



clip magnets

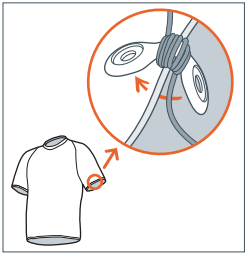
wear your remote control and secure your headphone cord with these wearable magnets.



1 check the polarity of the 2 button magnets. insert the big button magnet underneath your garment.

2 clip the small button magnet on your outer garment. clip the remote control on top.

3 secure your headphone cord with the "butterfly" magnet clip.



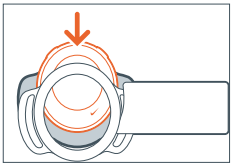
WARNING:

KEEP OUT OF REACH OF SMALL CHILDREN TO AVOID CHOKING HAZARD.

KEEP THE MAGNETS AWAY FROM CREDIT CARDS, TAPES AND ANY ITEMS WHICH MAYBE SENSITIVE TO THE MAGNETS.

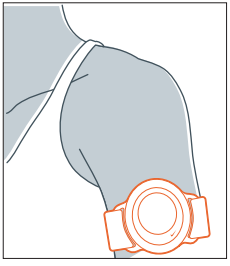
armband

wear your digital audio player during sport activity by securing it to the supplied armband.



1 fit the psa into the rubber buckle, with the headphone / remote jack aligned to the jack hole.

2 position the armband around your arm. thread the strap and fasten up for a snug fit.



installing MUSICMATCH Jukebox

install MUSICMATCH Jukebox software to manage your music collection on your personal computer. MUSICMATCH Jukebox allows you to:

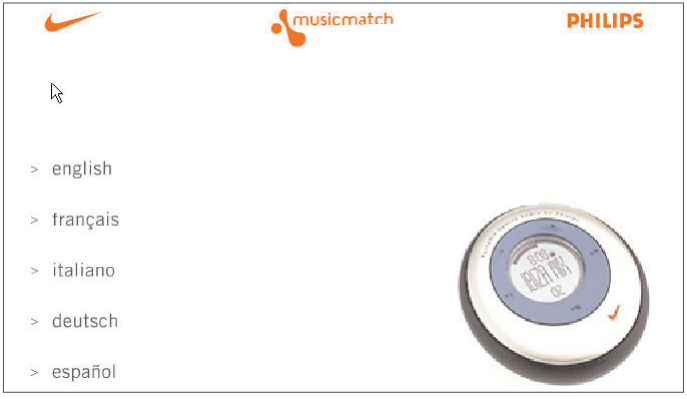
– convert cd music tracks to mp3 and windows media audio files

– create & save music playlists

– download mp3 and windows media audio files to the psa

1 insert the psa cd rom into your cd rom drive.

***note**: for **MAC users**, click the **MUSICMATCH** icon ➔ double click on **MUSICMATCH Installer**.*



2 an introduction screen appears. select the language that suits you best (**english, français, italiano, deutsch** or **español**).

3 select your product.

4 from the next screen, click **install MUSICMATCH jukebox** and follow the screen instructions to install.

5 click **Yes** on the screen to restart your computer when prompted. the software is now installed.

installing the psa drivers

you must install the device drivers for your computer to recognize the psa player. follow these directions to install the drivers.

1 insert the psa cd rom into your cd rom drive.

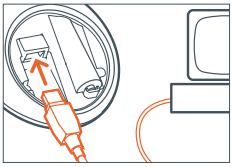
__note__: for __MAC users__, click the __MUSICMATCH__ icon ➔ double click on __MUSICMATCH Installer__.

2 an introduction screen appears. select the language that suits you best (**english, français, italiano, deutsch** or **español**).

3 click **install drivers ➔ Next** and follow all the screen instructions to complete installation.

connecting the psa to your computer

check that the psa is loaded with a suitable battery (preferably fresh) before you start connecting.



1 connect the supplied usb cable to your computer's usb port.

2 press ▼ to open the battery compartment. connect the other end of the usb cable to **usb in**, (found inside the battery compartment.)

3 turn on your computer.

psa display: ∿∿∿ appears.

buttons on the psa are automatically locked during usb connection.

convert music cds into mp3 files

1 click the (record) button. the **Recorder** window will open.

2 insert a commercial music cd into your computer's cd tray. **CD lookup** will attempt to add artist track and album names. if information doesn't appear, enter it manually.

3 check the boxes next to each track to record then click the (record) button on the **Recorder**.

> ***note**: by default, the recorder will create mp3 files at 128 kbps, which is considered cd quality (for other options, see the **Options / Settings / Recorder** menus.). recorded tracks will be automatically added to your **Music Library**.*
>
> *encoding at 96 kbps can increase playtime with minimal loss in audio quality*

musicmatch
File Edit View Options Help
Ready.
My Library Radio Stations Music Guide Now Playing
File Radio CD
1 "Niagara" by Fivecrown
2 "Matador" by Fivecrown
3 "Chinese Surprise" by Fivecrown
4 "The Night" by Fivecrown
5 "Ground Zero" by Fivecrown
6 "Fivecrown.com" by Fivecrown
Playlist
Drive Shuffle Repeat
Recorder
All None Refresh
Fivecrown
NIAGARA, and All the Pretty Landmines
1) 47% (D 96kbps 7.0x)
1 Niagara 47 % 2:49
2 Matador 0 % 4:16
3 Chinese Surprise 0 % 3:51
4 The Night 0 % 3:47
5 Ground Zero 0 % 4:41
6 Fivecrown.com 0 % 2:23

create & save music playlists

1 open the **Music Library** by clicking the **My Library** button.

2 double-click a track in the library, or drag and drop tracks from the **Music Library** into the **Playlist** window.

3 drag and drop tracks within the **Playlist** to change the play order.

4 click **Save** to save the playlist.

musicmatch
File Edit View Options Help
Ready.
My Library Radio Stations Music Guide Now Playing
File Radio CD
1 "Cain Rising" by Fivecrown
2 "Chinese Surprise" by Fivecrown
3 "Fivecrown.com" by Fivecrown
4 "Sun Dogs" by Fivecrown
5 "Ground Zero" by Fivecrown
6 "Matador" by Fivecrown
Playlist
Open Save Clear Burn Shuffle Repeat
Add Delete Tag Find Auto DJ
View by Track Title
Artist
Album
Time
The Night Five Crown Niagra and All the Pretty Lindmines 3:46
Wonder Twins Power Activa Five Crown Niagra and All the Pretty Lindmines 3:07
Cain Rising Fivecrown Niagra and All the Pretty Lindmines 3:46
Chinese Surprise Fivecrown Niagra and All the Pretty Lindmines 3:52
Fivecrown.com Fivecrown Niagra and All the Pretty Lindmines 2:23
Ground Zero Fivecrown Niagra and All the Pretty Lindmines 4:43
Matador Fivecrown Niagra and All the Pretty Lindmines 4:15
Niagra Fivecrown Niagra and All the Pretty Lindmines 2:42
Pheromones and Telephon Fivecrown Niagra and All the Pretty Lindmines 2:46
Sparkler Fivecrown Niagra and All the Pretty Lindmines 1:42
Sun Dogs Fivecrown Niagra and All the Pretty Lindmines 1:55

download music* to your player from your computer:

1 create or open a music playlist.

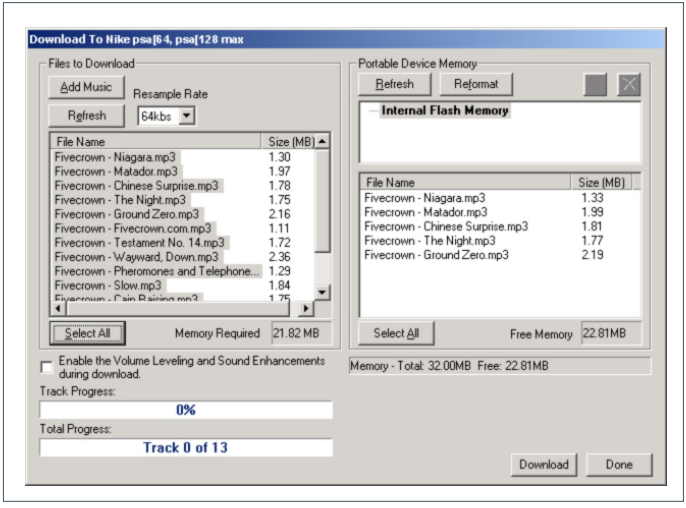
2 click **File → Send to Device → Download To Nike psa[64, psa[128 max**. your songs will automatically appear in the **Files to Download** window.

3 select the songs you want to transfer and then click **Download**.

4 after tracks have been transferred to the psa, click **Done** to exit. view download status from the track progress bar.

***note**: during file transfer, psa display shows* ~~~~ *scrolling.*

* the current psa may not download windows media audio for mac users. check out **www.nike-philips.com** for updates of mac plug-in.



tips:

– the **Portable Device Memory** window (right) shows the tracks currently stored on the psa (if any). to clear tracks from psa memory, click **Reformat** → **Start** → **Close**.

– to fit more songs onto your player with existing memory, use the **Resample Rate** option (upper left), which allows you to reformat the tracks downloaded to a lesser bit rate. this lets you fit more audio onto your player by creating smaller files during the download. this does not affect the files stored on your computer.

updating MUSICMATCH software*

be sure you have the latest available version of MUSICMATCH Jukebox by updating your software.

1 click **Options → Update Software → Continue**.

2 the update will add files to your computer, then automatically restart MUSICMATCH Jukebox for you.

* *requires an active internet connection.*

upgrading your audio player

visit **http://www.nike-philips.com** for more information and firmware upgrades.

helpful tips

if a fault occurs, first check the points listed below before taking the set for repair.

if you are unable to remedy a problem by following these hints, consult your dealer or service center.

***warning** : do not open the set as there is a risk of electric shock! under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.*

problem	solution
no sound	– battery weak / incorrectly inserted. correctly insert fresh battery. – psa buttons pressed too quickly. slow down. press firmly. indicator lights up. – headphones not properly connected. insert headphone plug into jack completely.
no reaction to controls / malfunction	– 🔒 activated deactivate 🔒. – electronic discharge. remove battery and replace after several seconds.
sound skips during playback on the psa	– mp3 file made at compression level exceeding 320kbps. – use a lower compression level to record your file into mp3 format – electrical interference from other appliances, e.g. mobile phones, fluorescent, lamps, electric pylons. move away from source of electrical interference.

problem	solution
usb does not connect/function	– you are using an unsuitable usb cable. use the supplied usb cable only. – cable connections incorrect / loose. check that all connections are correct and well inserted on the psa player and your computer. – usb driver not installed. check that you have installed the usb driver plug-in provided from the psa installation cd rom. – wrong Windows / MacOS version. your computer must be equipped with Windows 98 / Me / 2000 & XP or MacOS 8.6-9.x. – usb not enabled. check the BIOS set-up: usb has to be enabled.
unable to download files to player	– battery low and/or connection between the player and computer is loose. check battery status and usb cable connection. – drivers not installed. check you have installed the drivers provided from the psa installation cd rom. – current psa does not download windows media audio for mac users. check out **www.nike-philips.com** for updates. – electrostatic discharge. remove battery and replace after several seconds.
incomplete track download	– usb connection broken during downloading. check the usb connection, delete the file on the psa via musicmatch and download track again.

amplifier system

audio out . . . . . 2 x 5mW
S/N ratio. . . . . >80dB
frequency response . . . . . 20Hz - 20KHz

memory capacity

built-in 128MB*
**full memory capacity may not be available as some memory will be reserved for the audio player.*

supported format

MP3. . . . . 8kbps-320kbps
windows media audio. 5kbps-160kbps

firmware

user upgradeable** . . . . . yes

SDMI compliance

hardware ready** . . . . . yes

future audio codec (format) support, firmware upgrades and **SDMI** compliance will be available at **www.nike-philips.com

connections

I/O Interface . . . . . 5 pin mini usb connector

equalizer

adjustable, with 4 presets . . . . . **Hiphop, Funk, Rock, Techno** and **Custom**

display

LCD . . . . . text graphics, icons

backlight

color. . . . . orange

28 technical data

power supply

battery . . . . . 1 x AAA / UM4 / LRO3 alkaline / Ni-MH rechargeable

battery playtime

10 hours using AAA alkaline

6 hours using Ni-MH rechargeable

general

dimensions. . . . . 60 mm (w) x 68 mm (h) x 27 mm (d)

weight . . . . . 50 g (without battery)

Windows, and **Windows Media Audio** are registered trademarks of Microsoft Corporation.

Pentium ® is a registered trademark of Intel Corporation.

Acrobat reader is a registered trademark of Adobe Corporation.

PowerPC, Mac, G3 is a registered trademark of Apple computer Corporation.

INTERNET EXPLORER is a registered trademark of Microsoft Corporation.

Netscape Navigator is a registered trademark of Netscape Corporation.

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